

Zeitschrift für Malakozoologie (1844–1853): A history and collation

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ABSTRACT

The *Zeitschrift für Malakozoologie*, the first modern German malacological serial, appeared in 10 volumes and 120 issues from 1844 through 1853, and contained the descriptions of numerous new species of mollusks from around the world. Due to the 1848 German Revolution, and other publication delays, the dating of a number of issues has been problematic. This paper provides a collation of the 120 issues and a determination of the date of each issue, in accord with the *International Code of Zoological Nomenclature*.

INTRODUCTION

Germany is home to the earliest malacological journal—several short-lived serials authored and published by J. S. Schröter from 1770 to 1789 (Bieler and Kabat, 1991: 39, 44). However, the first German malacological journal in a modern sense—with editors and contributions from multiple authors—was the *Zeitschrift für Malakozoologie*, founded in 1844 by Karl Theodor Menke (1791–1861), who lived in Pymont (now Bad Pymont, Niedersachsen) (Jungbluth et al., 1991: 92–93). The first two volumes were edited by Menke alone, and were printed in Hannover by Hahn'sche Hofbuchhandlung. Menke (1844: 1–11) began the first issue of this serial with a lengthy essay that surveyed the malacological literature to date, and closed with the hope that his ambitions for this new journal and its readers would be satisfied.

Louis Pfeiffer (1804–1877), of Cassel, became a co-editor commencing with volume 3 for 1846, and the journal was printed by Theodor Fischer, a publishing house in Cassel known for a number of other malacological publications, as well as other natural history and geological titles.

In 1853, the *Zeitschrift* was replaced by the *Malakozoologische Blätter*, which was published in two

series from 1853 through 1891 (Bieler and Kabat, 1991: 44; Bürk and Jungbluth, 1985: 339–340). According to the editors, the *Malakozoologische Blätter* was intended to allow for a broader scope of submissions and more frequent illustrations (Menke, et al., 1853: [vi]–[viii]).

In 1854, the second volume of the *Zeitschrift*, which had been out-of-print for some years, was reprinted by the original publisher (Menke, 1854: 48). In 1969, the *Zeitschrift* and the *Malakozoologische Blätter* were reprinted in their entirety by Otto Koeltz (Koenigstein-Taunus). Sometime after 2005, the *Zeitschrift* was digitized by the Biodiversity Heritage Library (the set in the Smithsonian Institution), HathiTrust (the set in the University of Michigan) and Google Books (the set in the University of Illinois).

In the 1840s, Cassel (known as Kassel since 1926), then the capital of northern Hesse, was an important malacological research center, as a number of malacologists lived there or nearby (Jungbluth, 2011), including Louis Pfeiffer, Rudolph Amandus Philippi (1808–1904), Wilhelm Dunker (1809–1885), Friedrich Carl Ludwig Koch (1799–1852), as well as Israel Heyman Jonas (1795–1851, from Hamburg), all of whom contributed to the *Zeitschrift*. During its ten years, the journal published the descriptions of somewhere around 1,000 new species, of which at least half were described by Philippi alone.

Each volume contained 12 issues, originally intended to appear on a monthly basis. Except for volume 2, each issue comprised a fascicle of 16 pages, so that the entire volume consisted of 192 pages, with an additional 4 to 9 pages (with Roman-numbered pages) issued after the end of the volume and comprising the table of contents and index. Volume 2 consisted of 198 pages, with issue 2(7) having 18 pages and issue 2(12) having 20 pages.

The individual issues were not originally distributed with wrappers, so that the first page of each issue had both a header with the journal title and the names of the editor(s), and the text of the first article. One set that we have examined in a private library does have wrappers on thicker, cardstock paper for each volume, with the journal name and volume number printed in large type. However,

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those wrappers were made using the back side of advertising circulars bearing an “1879” date, nearly three decades later.

In several articles, some or all of the footnotes are by the editor (Menke or Pfeiffer), not by the author of the article. The editors sometimes used their footnotes to criticize the conclusions reached by the author of the article, or otherwise to comment on the article. For example, in 3(1): 12, an article by Jonas on *Proserpina* has two footnotes, the first by Jonas and the second by Pfeiffer. Issue 2(1), pages 1–14, had a lengthy article (in French) by Gerard P. Deshayes, written in response to a critique by Menke of the Deshayes edition of the *Histoire naturelle des animaux sans vertebres* that Menke published in volume 1 of the *Zeitschrift*. In the Deshayes article, Menke then added 26 footnotes of his own in order to rebut the points made by Deshayes.

Only two plates were issued with this journal, in issue 7(1) (April 1850) (reproductive “darts” of *Helix*, for an article by A. Schmidt); and issue 9(12) (December 1852) (illustrations for several articles by Pfeiffer, mostly terrestrial gastropods from Cuba). Bürk and Jungbluth (1985: 338) stated that volume 10 also had “1 Bildnis” (portrait) of Louis Pfeiffer, but we have not seen any such portrait of Pfeiffer in any of the four sets of this work that we have examined; the sets in the Naturmuseum Senckenberg (Frankfurt) and the Field Museum of Natural History (Chicago) also do not have such an illustration (R. Janssen, *in litt.* 10 Aug. 2015; R. Bieler, *in litt.* 17 Aug. 2015).

The dating of this journal has created some problems in the literature, and we attempt to rectify this confusion as best as is now possible, as set forth in the table and summarized below:

1. Originally, each issue had two dates – the “month and year” on the first page, and the exact month, day, and year on the last page, as used in 1(1) through 1(7).
2. Starting with 1(8) (August 1844) through 2(2) (February 1845), the date on the last page became a more generic “Ende” or “Mitte” of a given month.
3. For 2(3) through 2(12), the date on the last page was just a given month and year, with no specific day indicated.
4. For 3(1) (1846) through 5(6) (“1848”), no end date was given, so that the only date is the month/year stated on the first page. As noted in the table below, internal evidence allowed us to date several of these issues more precisely.
5. For 5(7) (“1848”) through 10(12) (1853), the first page only provided the year and the issue number; 12 of the issues had no end date, while the last page in all but 12 of the issues gave at least the month and year, with 8 issues giving the month, day and year.

Based on internal evidence, *i.e.*, advertisements for books that were published on a specific date, or the date of submission of several manuscripts or letters to the editor, and interpolation with dated issues, we were able

to estimate dates for the 12 issues without any date other than the stated year.

Critically, volumes 5 (for 1848) through 8 (for 1851) were published at and after the time of the March 1848 Revolution in Germany, which resulted in significant turmoil over the next three years (and led to R.A. Philippi escaping from Germany to Chile in 1851). This Revolution and its aftermath must have significantly disrupted the printing of this and other scientific journals. As set forth in the table, several issues in those volumes were stated on the last page to have been published in the year *after* the year printed on the first page of those issues. Further, issues 6, 7, and 8 of Volume 5 (nominally issued for 1848) had advertisements for a publication available in January 1849, suggesting a publishing date in early 1849. Issue 5(7) had an editorial note on page 112 by Pfeiffer which cryptically referred to the Revolution: “Die durch bekannte Hemmnisse im Jahre 1848 verzögerte Ausgabe der einzelnen Blätter der *Zeitschrift* wird nunmehr möglichst schnell nachgeholt werden.” [The publication of issues delayed due to known hindrances in 1848 will now be resumed as quickly as possible].

Similarly, several issues in volume 6 (nominally issued for 1849) had articles submitted in January 1850, and the last three issues of volume 6 were expressly dated in early 1850.

Volume 7 (“1850”) had only the first seven issues appearing in 1850.

Volume 8 (“1851”) had at least one issue appearing in 1852.

Volumes 9 and 10 (for 1852 and 1853, respectively, after the Revolution was over and the federal authorities were fully in control of Germany), were back on schedule, with each volume being completed within the stated year. Even then, the issues did not appear on an exact monthly schedule, with multiple issues appearing in the same month (e.g., three issues were published in July 1852 and another three issues published in November 1853).

Pursuant to ICZN *Code* Article 21, we have set forth dates that we recommend be used for each issue of this journal—either the exact day, month, and year (17 issues), or the last day of the month for issues with the month known or determined but without a known day of publication (98 issues), or the last day of the year for issues without a known or determined month (5 issues). For two of the issues, 8(3) (indicated as “July 1851”) and 9(5) (indicated as “June 1852”), since the following issues came out in the same months, *i.e.*, 8(4) (15 July 1851) and 9(6) (12 June 1852), we used the latter dates for the former issues. Of the 120 issues, 18 (in volumes 5, 6, 7, and 8) are known or determined to have been published in the year *after* the nominal year for the volume.

In the following table, the right-hand column has the actual or determined date of publication. Entries without an asterisk are actual dates; entries with a single asterisk (*) are the last day of the month (ICZN *Code* Article 21.3.1); entries with a double asterisk (**) are the last day of the calendar year (ICZN *Code* Article 21.3.2).

Volume / Issue	For month of	Pages	Date on last page of issue	Date of Publication (ICZN)
1 – 1844		i–viii	Title page dated 1845	
1	January	1–16	January 15, 1844	15 January 1844
2	February	17–32	February 16, 1844	16 February 1844
3	March	33–48	March 16, 1844	16 March 1844
4	April	49–64	April 10, 1844	10 April 1844
5	May	65–80	May 25, 1844	25 May 1844
6	June	81–96	June 25, 1844	25 June 1844
7	July	97–112	July 30, 1844	30 July 1844
8	August	113–128	“Ende August”	31 August 1844*
9	September	129–144	“Ende September”	30 September 1844*
10	October	145–160	“Ende October”	31 October 1844*
11	November	161–176	“Ende November”	30 November 1844* (page 176 has a note from Jonas, dated 19 November 1844).
12	December	177–192	“Mitte December”	31 December 1844*
2 – 1845		i–viii	Title page dated 1846	
1	January	1–16	“Mitte January”	31 January 1845*
2	February	17–32	“Ende February”	28 February 1845*
3	March	33–48	April	30 April 1845*
4	April	49–64	June	30 June 1845*
5	May	65–80	“April” [sic]	30 June 1845* (page 67 has an article by Jonas submitted in May 1845).
6	June	81–96	July	31 July 1845* (page 91 has an article submitted in April 1845; page 95 has an article submitted 22 June 1845).
7	July	97–114	August	31 August 1845*
8	August	115–130	October	31 October 1845*
9	September	131–146	November	30 November 1845*
10	October	147–162	November	30 November 1845*
11	November	163–178	December	31 December 1845*
12	December	179–198	December	31 December 1845*
3 – 1846		i–viii	Title page dated 1846	
1	January	1–16	No end date	31 January 1846*
2	February	17–32	No end date	28 February 1846* (page 18 has an article submitted December 1845).
3	March	33–48	No end date	31 March 1846*
4	April	49–64	No end date	30 April 1846*
5	May	65–80	No end date	31 May 1846* (page 73 has an article submitted on 11 April 1846).
6	June	81–96	No end date	30 June 1846*
7	July	97–112	No end date	31 July 1846* (page 112 has an obituary submitted on 22 April 1846).
8	August	113–128	No end date	31 August 1846*
9	September	129–144	No end date	30 September 1846*
10	October	145–160	No end date	31 October 1846*
11	November	161–176	No end date	30 November 1846* (page 174 has an article submitted on 22 October 1847).
12	December	177–192	No end date	31 December 1846*
4 – 1847		i–vii	Title page dated 1847	
1	January	1–16	No end date	31 January 1847*
2	February	17–32	No end date	28 February 1847*
3	March	33–48	No end date	31 March 1847*
4	April	49–64	No end date	30 April 1847*
5	May	65–80	No end date	31 May 1847*
6	June	81–96	No end date	30 June 1847*
7	July	97–112	No end date	31 July 1847*
8	August	113–128	No end date	31 August 1847*
9	September	129–144	No end date	30 September 1847*

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Volume / Issue	For month of	Pages	Date on last page of issue	Date of Publication (ICZN)
10	October	145–160	No end date	31 October 1847*
11	November	161–176	No end date	30 November 1847*
12	December	177–192	No end date	31 December 1847*
5 – 1848		i–vii	Title page dated 1849	
1	January	1–16	No end date	31 January 1848* (?)
2	February	17–32	No end date	29 February 1848* (?)
3	March	33–48	No end date	31 March 1848* (?)
4	April	49–64	No end date	30 April 1848* (?)
5	May	65–80	No end date	31 May 1848* (?)
6	June	81–96	No end date	31 January 1849* (page 96 has an advertisement dated “10. Januar 1849” for Philippi’s <i>Abbildungen und Beschreibungen</i> , 3(4)).
7		97–112	No end date	31 January 1849* (page 112 has an advertisement dated “30. Januar 1849” for the 10th Lieferung of Herrmannsen, <i>Indicis Generum Malacozoorum Primordia.</i>).
8		113–128	No end date	31 March 1849* (page 123 notes that Philippi’s article is “Continuato Febr. 1849”, i.e., continued from 5(7): 112 (previous entry); page 128 has an advertisement dated “10. März 1849” for volume 2 of Herrmannsen, <i>Indicis Generum Malacozoorum Primordia.</i>).
9		129–144	March 1849	31 March 1849*
10		145–160	March 1849	31 March 1849*
11		161–176	March 1849	31 March 1849*
12		177–192	April 1849	30 April 1849*
6 – 1849		i–vii	Title page dated 1850	
1		1–16	March [<i>sic</i> , May] 1849	31 May 1849*, since the previous issue, 5(12), is dated “April 1849.”
2		17–32	May 1849	31 May 1849*
3		33–48	July 1849	31 July 1849* (page 48 has an advertisement dated Juli 1849 for Lieferungen 80–81 of the <i>Systematisches Conchylien-Cabinet</i>).
4		49–64	No end date	31 August 1849* (page 53 has an article by A. Schmidt submitted July 1849).
5		65–80	November 1849	30 November 1849* (page 80 has an article by E. A. Rossmässler submitted October 1849).
6		81–96	No end date	30 November 1849* (page 96 has an advertisement dated November 1849 for Lieferungen 82–86 of the <i>Systematisches Conchylien-Cabinet</i>).
7		97–112	No end date	31 December 1849**
8		113–128	No end date	31 January 1850* (page 120, has an article by Lovell Reeve submitted January 5, 1850).
9		129–144	No end date	28 February 1850* (page 144 has an article by A. Schmidt submitted January 1850).
10		145–160	March 1850	31 March 1850*
11		161–176	March 1850	31 March 1850*
12		177–192	April 1850	30 April 1850*
7 – 1850		i–vii	Title page dated 1851	
1		1–16, 1 pl.	April 1850	30 April 1850* (page 13, article by A. Schmidt submitted in January 1850).
2		17–32	April 1850	30 April 1850*
3		33–48	May 1850	31 May 1850* (page 148 has an advertisement for Philippi’s <i>Abbildungen und Beschreibungen</i> , 3(7), which has a print date of April 1850).

(Continued)

Volume / Issue	For month of	Pages	Date on last page of issue	Date of Publication (ICZN)
4		49–64	June 1850	30 June 1850*
5		65–80	July 1850	31 July 1850*
6		81–96	August 1850	31 August 1850*
7		97–112	November 2, 1850	2 November 1850
8		113–128	February 1851	28 February 1851* (page 120 has an article submitted by A. Schmidt in December 1850).
9		129–144	February 1851	28 February 1851* (page 144 has a “Nachruf” noting Philippi’s unexpected departure, i.e., his escape to Chile).
10		145–160	March 1851	31 March 1851*
11		161–176	April 1851	30 April 1851*
12		177–192	April 1851	30 April 1851*
8 – 1851		i–[vii]	Title page dated 1852	
1		1–16	May 1851	31 May 1851*
2		17–32	June 1851	30 June 1851*
3		33–48	July 1851	15 July 1851 (based on known date of next issue)
4		49–64	July 15, 1851	15 July 1851
5		65–80	July 1851	31 July 1851*
6		81–96	August 1851	31 August 1851*
7		97–112	September 1851	30 September 1851*
8		113–128	No end date	31 December 1851**
9		129–144	No end date	31 December 1851**
10		145–160	No end date	31 December 1851**
11		161–176	No end date	31 December 1851**
12		177–192	January 15, 1852	15 January 1852 (page 184 has an article by A. Schmidt submitted in November 1851).
9 – 1852		i–vi	Title page dated 1853	
1		1–16	February 15, 1852	15 February 1852
2		17–32	March 25, 1852	25 March 1852
3		33–48	March 26, 1852	26 March 1852
4		49–64	May 12, 1852	12 May 1852
5		65–80	June 1852	12 June 1852 (based on known date of next issue).
6		81–96	June 12, 1852	12 June 1852
7		97–112	July 1852	31 July 1852*
8		113–128	July 1852	31 July 1852*
9		129–144	July 1852	31 July 1852*
10		145–160	September 1852	30 September 1852*
11		161–176	October 1852	31 October 1852*
12		177–192, 1 pl.	December 1852	31 December 1852*
10 – 1853		i–vi + [vii–viii]	Title page dated 1853	“Prospectus” on page [viii], for the <i>Malakozoologisches Blätter</i> dated December 1853
1		1–16	January 1853	31 January 1853*
2		17–32	January 1853	31 January 1853*
3		33–48	February 1853	28 February 1853*
4		49–64	March 1853	31 March 1853*
5		65–80	July 1853	31 July 1853*
6		81–96	July 1853	31 July 1853*
7		97–112	August 1853	31 August 1853*
8		113–128	August 1853	31 August 1853*
9		129–144	November 1853	30 November 1853*
10		145–160	November 1853	30 November 1853*
11		161–176	November 1853	30 November 1853* (page 176 has an article by A. Schmidt submitted on 8 November 1853).
12		177–192	December 1853	31 December 1853* (page 189 has an article by L. Pfeiffer submitted on 12 December 1853).

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